

## PATENT COOPERATION TREATY

PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  HF/5-22770	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.  PCT/EP 03/11635	International filing date (day/month/year)  21/10/2003	(Earliest) Priority Date (day/month/year)  29/10/2002
Applicant  CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

\_\_\_\_\_

None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11635

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11D3/395 C11D3/16 C11D3/39

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 02 088289 A (SCHLINGLOFF GUNTHER ;WEINGARTNER PETER (CH); HAZENKAMP MENNO (CH);) 7 November 2002 (2002-11-07) claims 1-27; examples 37-43, APPLICATION, EXAMPLES ---	1-29
E	WO 2004 007657 A (SCHLINGLOFF GUNTHER ;FREY MARKUS (CH); DANNACHER JOSEF (CH); HAZEN) 22 January 2004 (2004-01-22) claims 1-45 ---	1-29
A	WO 01 46368 A (JOHNSON MATTHEY PLC ;OGRODNIK VIRGINIE (GB); MURRER BARRY ANTHONY) 28 June 2001 (2001-06-28) claims 1-8 ---	1-29
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

19 February 2004

Date of mailing of the international search report

27/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Richards, M

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11635

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 60043 A (UNILEVER PLC ; LEVER HINDUSTAN LTD (IN); UNILEVER NV (NL)) 12 October 2000 (2000-10-12) cited in the application claims 1-13 ---	1-29
A	US 6 245 115 B1 (VAN DER VOET GERRIT ET AL) 12 June 2001 (2001-06-12) cited in the application claims 1-16 -----	1-29

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP 03/11635

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 02088289	A 07-11-2002	WO EP	02088289 A2 1383857 A2	07-11-2002 28-01-2004
WO 2004007657	A 22-01-2004	WO	2004007657 A1	22-01-2004
WO 0146368	A 28-06-2001	AU AU CA EP EP WO GB WO JP US US	2016401 A 2388701 A 2394899 A1 1246897 A1 1240295 A2 0146367 A1 2359560 A ,B 0146368 A2 2003518163 T 2003171446 A1 2002040723 A1	03-07-2001 03-07-2001 28-06-2001 09-10-2002 18-09-2002 28-06-2001 29-08-2001 28-06-2001 03-06-2003 11-09-2003 11-04-2002
WO 0060043	A 12-10-2000	AU AU AU BR BR CA CA CN CN CZ CZ WO WO EP EP WO HU HU ID PL PL TR TR US US AU AU BR CA CN CZ EP WO HU ID PL TR US ZA AU AU	3963600 A 4109100 A 5637099 A 0009457 A 9913367 A 2342616 A1 2364605 A1 1351646 T 1325470 T 20010770 A3 20013526 A3 0060043 A1 0060044 A1 1165738 A1 1109965 A1 0012808 A1 0103943 A2 0200672 A2 30025 A 346391 A1 350514 A1 200101257 T2 200102775 T2 6245115 B1 6617299 B1 765582 B2 5636899 A 9913364 A 2342820 A1 1325435 T 20010771 A3 1109884 A1 0012667 A1 0104295 A2 28626 A 346569 A1 200101254 T2 6242409 B1 200106939 A 6571600 A 757351 B2	23-10-2000 23-10-2000 21-03-2000 08-01-2002 29-01-2002 09-03-2000 12-10-2000 29-05-2002 05-12-2001 12-09-2001 17-07-2002 12-10-2000 12-10-2000 02-01-2002 27-06-2001 09-03-2000 28-02-2002 29-07-2002 01-11-2001 11-02-2002 16-12-2002 21-08-2001 21-12-2001 12-06-2001 09-09-2003 25-09-2003 21-03-2000 22-01-2002 09-03-2000 05-12-2001 16-01-2002 27-06-2001 09-03-2000 28-03-2002 21-06-2001 11-02-2002 22-10-2001 05-06-2001 22-08-2002 26-03-2001 20-02-2003

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11635

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0060043	A	AU 6997300 A	26-03-2001
		AU 7410400 A	26-03-2001
		AU 7903300 A	26-03-2001
		BR 0013737 A	04-06-2002
		BR 0013744 A	14-05-2002
		BR 0013745 A	14-05-2002
		BR 0013746 A	07-05-2002
US 6245115	B1 12-06-2001	AU 749512 B2	27-06-2002
		AU 4282199 A	05-01-2000
		AU 765582 B2	25-09-2003
		AU 5636899 A	21-03-2000
		AU 5637099 A	21-03-2000
		BR 9911248 A	13-03-2001
		BR 9913364 A	22-01-2002
		BR 9913367 A	29-01-2002
		CA 2333649 A1	23-12-1999
		CA 2342616 A1	09-03-2000
		CA 2342820 A1	09-03-2000
		CN 1312811 T	12-09-2001
		CN 1325470 T	05-12-2001
		CN 1325435 T	05-12-2001
		CZ 20010770 A3	12-09-2001
		CZ 20010771 A3	16-01-2002
		DE 69906732 D1	15-05-2003
		DE 69906732 T2	16-10-2003
		EP 1109884 A1	27-06-2001
		EP 1109965 A1	27-06-2001
		EP 1087969 A1	04-04-2001
		ES 2196878 T3	16-12-2003
		WO 9965905 A1	23-12-1999
		WO 0012667 A1	09-03-2000
		WO 0012808 A1	09-03-2000
		HU 0103943 A2	28-02-2002
		HU 0104295 A2	28-03-2002
		ID 28626 A	21-06-2001
		ID 30025 A	01-11-2001
		PL 346391 A1	11-02-2002
		PL 346569 A1	11-02-2002
		TR 200003705 T2	21-06-2001
		TR 200101254 T2	22-10-2001
		TR 200101257 T2	21-08-2001
		US 6242409 B1	05-06-2001
		US 6649582 B1	18-11-2003
		ZA 200101671 A	28-02-2002
		ZA 200101672 A	28-02-2002
		AU 3963600 A	23-10-2000
		AU 4109100 A	23-10-2000
		BR 0009457 A	08-01-2002
		CA 2364605 A1	12-10-2000
		CN 1351646 T	29-05-2002
		CZ 20013526 A3	17-07-2002
		WO 0060043 A1	12-10-2000
		WO 0060044 A1	12-10-2000
		EP 1165738 A1	02-01-2002
		HU 0200672 A2	29-07-2002